Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

On Monday, April 8th, 1 95, Dr. Alexander Macfarlane, was married to Miss Helen Martha Swearingen, of San Antoneio, Texas. Dr. Macfarlane and his wife will make their home in Ithaca, New York. The MONTHLY family wishes them a long and happy life.

## *BOOKS AND PERIODICALS.*

*A College Algebra.* By J. M. Taylor, A. M., Second edition, 1892. 8vo. cloth, 318 pp. Price, $1.50. Boston and Chicago: Allyn & Bacon.

The first part of this Algebra embraces an outline of those fundamental principles of the science that are usually required for admission to a college or scientific school. The subject of Equivalent Equations and Equivalent Systems of Equations are fully treated. In the Second Part, the author has given a full discussion of the Theory of Limits which is followed by one of its most important appplications, Differentiation. Pages 266-317 are given to the Theory of Equations. The subjects treated in this book are presented with the utmost clearness and simplicity. Teachers of Higher algebra should examine this work. It is neatly printed and well bound in substantial cloth. B.F.F.

*Theorems in the Calculus of Enlargement;* and *A Method for Calculating Simultaneously all the Roots of an Equation.* By Emory McClintock. Reprinted from the *American Journal of Mathematics*, vol. XVII, Nos. 1 and 2.

Dr. McClintock read his paper on "Theorems in the Calculus of Enlargement" before the American Mathematical Society, August 14, 1894, where it was received with much appreciation. The paper on "A Method for Calculating Simultaneously all the Roots of an Equation" was read before the American Mathematical Society, August 14 and October 27, 1894. This paper presents new results in the main line of analysis which should be immediately incorporated in our text-books. Any one interested in these papers should write to Dr. McClintock, Columbia College, N. Y., for a copy. B.F.F.

*The Review of Reviews:* An International Illustrated Monthly Magazine. Edited by Albert Shaw. Price, $2.50 per year. Single Number, 25 cents. The Review of Reviews Co. New York City.

In the *Review of Reviews* for April the editor discusses recent political events, especially the doings of the Fifty-third Congress, the appointment of delegates to an international monetary conference, the election of U. S. senators by various state legislatures, the deadlock in Delaware, the constitutional convention in Utah, the arguments before the Supreme Court on the constitutionality of the income tax, the change in the administration of the Post Office Department, and other incidents of the month under review. Persons who can only afford to take one of the leading Literary Magazines of the World and desire to know what is going on all over the world should subscribe for *The Review of Reviews.* B.F.F.

*The Cosmopolitan:* an Illustrated Monthly Magazine. Edited by

John Brisben Walker and Arthur Sherburne Hardy. Price, $1.50 per year. Single Number, 15 cents.

The following are some of the leading articles in the April Number: The Nymph of the Attitudes, by Mrs. Robert P. Porter; The Late Returning, by Gertrude Hall; English Wood-Notes, by James Lane Allen; The Krakatoa Eruption, by Jean T. VanGestel; and The Story of a Thousand, by Albion W. Tourgee. The description of Krakatoa Eruption, by an eyewitness, is full of thrilling interest from beginning to end. The Cosmopolitan is one of the very best Magazines published in America, and its price is so reasonable that it is easily within the reach of all. You might be charged more than 15 cents for such a Number but could it contain better materal? See our offer in the December No. of the MONTHLY. B.F.F.

*The Mathematical Gazette:* a Terminal Journal for Students and Teachers. Edited by E. M. Langley, M. A., Published by Macmillan & Co., London and New York. No. 4, February, 1895, 4to, pp. 25-36. Price, One Shilling Net. Subscription for 1895, 7s. 6d.

The February Number contains an excellent paper on "Mathematics for Astronomy and Navagation", by T. Wilson. The paper on "Algebra in Schools", by G. Heppel, offers some good suggestions. The paper suggests that $\sqrt{a}$ should be considered as having one and not two values. Without offering a criticism to this statement, we believe that it is best to consider $\sqrt{a}$ as having always two values, though both values may not be admissable in the same equation. B.F.F.

*The Mathematical Magazine:* a Journal of Elementary and Higher Mathematics. Edited and Published by Artemas Martin, M.A.,Ph.D.,LL.D., Washington, D. C. Terms: $1.00 in advance for Four Numbers.

The January, 1895, Number contains the following papers: About Cube Numbers Whose Sum is a Cube, by Dr. Martin; The United States Bond Problem, by Theodore L. DeLand; On the Celebrated Cattle Problem of Archimedes, by A. H. Bell. The solutions of six problems are published and ten new problems are proposed for solution. The appearance and typographical execution of this Number is, as usual, first class. B.F.F.